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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

OCTOBER 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: DECEMBER 16, 1987

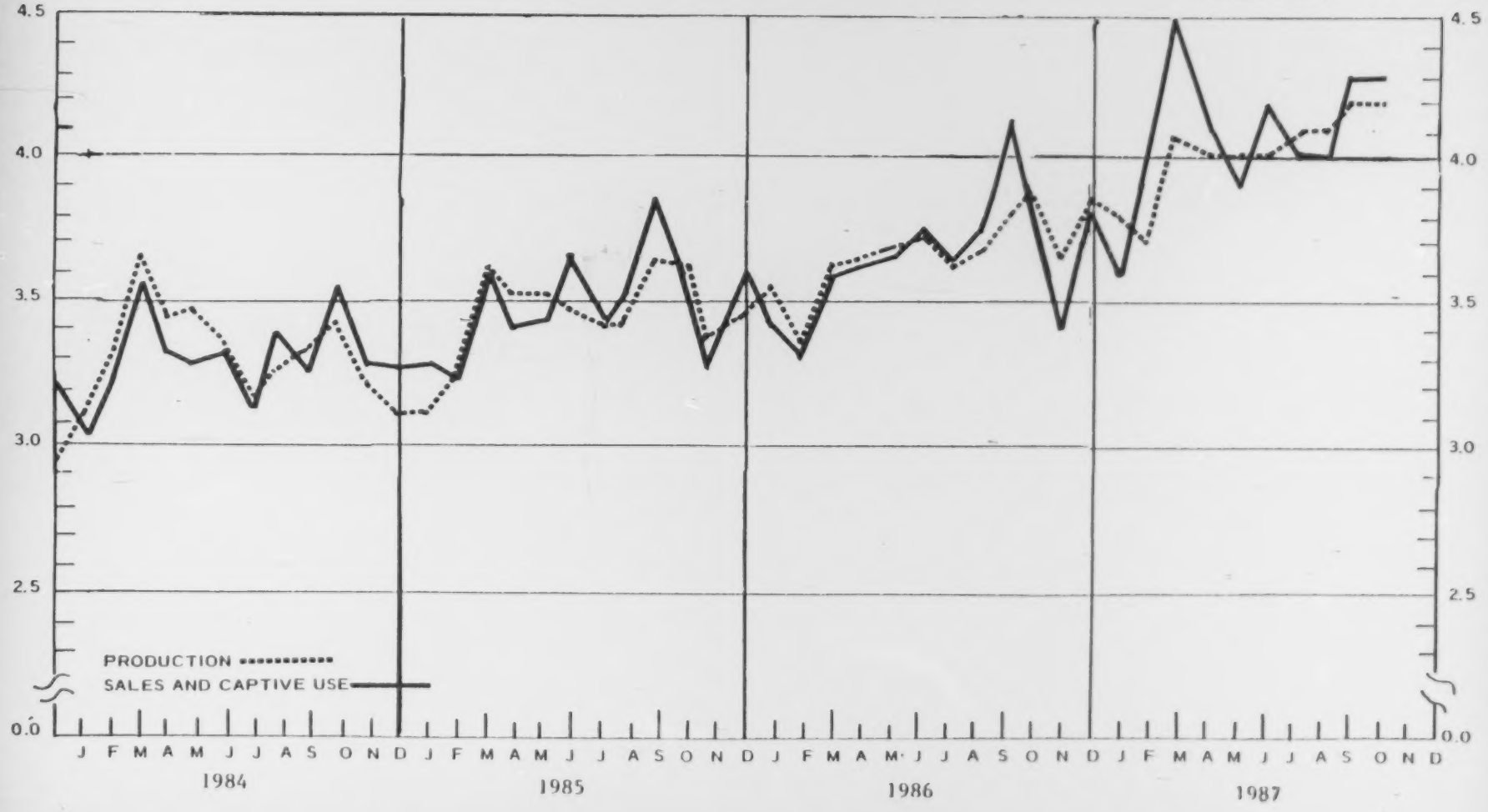
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

OCTOBER 1987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PRODUCTION
SALES AND CAPTIVE USE
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Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

OCTOBER 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR TO DATE			OCTOBER			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	37,763	31,554	+19.7	352,010R	321,577	+9.5	37,462	29,580	+26.6	353,704	338,486	+4.5
POLYESTER (UNSATURATED) RESINS, TOTAL	118,410	111,723	+6.0	1,151,869	1,078,016	+6.9	119,894	113,997	+5.2	1,156,292	1,084,465	+6.6
UREA RESINS, TOTAL	121,254	115,874	+4.6	1,149,546	1,054,124	+9.1	123,667	116,273	+6.4	1,162,576	1,059,208	+9.8
MELAMINE RESINS, TOTAL	18,006	19,532	-7.8	167,017	161,244	+3.6	19,365	17,188	+12.7	178,773	145,952	+22.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	260,366	256,073	+1.7	2,407,100	2,341,872	+2.8	260,652	250,871	+3.9	2,406,013	2,303,982	+4.4
THERMOSETTING RESINS, TOTAL	555,799	534,756	+3.9	5,227,542R	4,956,833	+5.5	561,040	527,909	+6.3	5,257,358	4,932,093	+6.6
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	808,102	755,713	+6.9	7,991,207	7,376,726	+8.3	809,191	771,345	+4.9	7,999,411R	7,414,804	+7.9
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	707,257	578,262	+22.3	6,782,806	5,834,359	+16.3	709,362	641,921	+10.5	6,591,844R	5,977,962	+10.3
POLYPROPYLENE, TOTAL	588,179	516,756	+13.8	5,540,356	4,829,658	+14.7	601,966	504,133	+19.4	5,479,218R	4,773,957	+14.8
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	107,746	99,571	+8.2	999,496	888,829	+12.5	91,541	100,026	-8.5	972,906	890,706	+9.2
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	10,869	8,373	+29.8	93,556	70,513	+32.7	12,743	7,994	+59.4	109,724	73,315	+49.7
POLYSTYRENE RESINS, TOTAL	446,239	395,030	+13.0	4,084,529	3,733,050	+9.4	417,329	403,100	+3.5	3,965,456	3,691,796	+7.4
STYRENE BASED LATEXES, TOTAL **	84,940	79,266	+7.2	815,794	725,515	+12.4	84,144	77,095	+9.1	775,074	680,606	+13.9
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	26,316	24,653	+6.7	232,741	238,993	-2.6	28,205	25,215	+11.8	238,426	236,392	+0.9
NYLON RESINS, TOTAL	43,362	41,026	+5.7	410,601	371,975	+10.4	43,694	41,874	+4.3	424,897	390,428	+8.8
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	686,579	658,397	+4.3	6,722,057	6,160,075	+9.1	680,655	613,222	+11.0	6,556,622	5,991,780	+9.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,439	58,409	+5.2	599,295	589,767	+1.6	* 61,439	* 58,409	+5.2	* 599,295	* 589,767	+1.6
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	18,371	15,923	+15.4	170,380	154,754	+10.1	19,512	14,755	+32.2	184,084	162,742	+13.1
THERMOPLASTIC POLYESTER, TOTAL	123,544	103,615	+19.2	1,161,773	957,047	+21.4	124,119	105,522	+17.6	1,163,843	961,417	+21.1
THERMOPLASTIC RESINS, TOTAL	3,712,943	3,334,994	+11.3	35,604,591	31,931,261	+11.5	3,683,920	3,164,631	+9.5	35,060,800R	31,835,672	+10.1
GRAND TOTAL	4,268,742	3,869,750	+10.3	40,832,133R	36,888,094	+10.7	4,244,960	3,892,540	+9.1	40,318,158R	36,767,765	+9.7

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

\# = Includes imputed data

(4)= Publishing of PVOH data has been temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

R = Revision

D = Disclosure

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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOSETTING RESINS

OCTOBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	37,763	31,554	+19.7	352,010R	321,577	+ 9.5	37,462	29,580	+26.6	353,704	338,486	+4.5
Total Exports	6,470	3,598	+79.8	62,436	46,524	+34.2						
Captive Use, Total	1,284	1,110	+15.7	11,110	11,031	+ 0.7						
Domestic Sales, Total	30,009	26,846	+11.8	278,464R	264,022	+ 5.5						
Domestic Sales & Captive Use, Total	31,293	27,956	+11.9	289,574R	275,053	+ 5.3						
Bonding & Adhesives	1,961	1,542	+27.2	18,078R	16,665	+ 8.5						
Flooring, Paving & Exposed Aggregate	2,188	1,799	+21.6	17,884R	16,722	+ 6.9						
Protective Coatings	15,891	14,007	+13.5	145,492R	138,687	+ 4.9						
Fiber Reinforced Laminates & Composites, Total	6,126	5,881	+ 4.2	59,954R	58,856	+ 1.9						
FRL&C for Printed Wiring Board	4,324	4,263	+ 1.4	42,092R	40,336	+ 4.4						
All Other FRL&C	1,802	1,618	+11.4	17,862R	18,520	- 3.6						
Tooling, Casting & Molding Resins	1,894	2,044	- 7.3	20,232R	19,821	+ 2.1						
All Other Uses	3,233	2,683	+20.5	27,934R	24,302	+14.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	118,410	111,723	+ 6.0	1,151,869	1,078,016	+ 6.9	119,894	113,997	+ 5.2	1,156,292	1,084,465	+6.6
Total Exports	1,222	723	+69.0	8,044	7,963	+ 1.0						
Total Domestic	117,188	111,000	+ 5.6	1,143,825	1,070,053	+ 6.9						
General Purpose Resins, Total	100,159	96,424	+ 3.9	993,566	925,136	+ 7.4						
General Purpose - Thixotropic	45,752	43,242	+ 5.8	446,528	410,751	+ 8.7						
General Purpose - Press Molding	11,983	11,071	+ 8.2	121,655	131,279	- 7.3						
General Purpose - All Other	42,424	42,111	+ 0.7	425,383	383,106	+11.0						
Flame Retardant Resins	2,658	2,123	+25.2	2 ,998	21,628	+11.0						
Chemical Resistant Resins	14,371	12,453	+15 4	126,261	123,289	+ 2.4						
Chemical Resistant Isophthalic Resins	10,606	10,120	+ 4.8	97,845	100,137	- 2.3						
All Other Chemical Resistant Resins	3,765	2,333	+61.4	28,416	23,152	+22.7						
Reinforced Plastics, Total	89,622	82,582	+ 8.5	871,812	807,458	+ 8.0						
Non-Reinforced Plastics, Total	27,566	28,418	- 3.0	272,013	262,595	+ 3.6						

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R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

OCTOBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	121,254	115,874	+4.6	1,149,546	1,054,124	+9.1	123,667	116,273	+6.4	1,162,576	1,059,208	+9.8
MELAMINE RESINS, TOTAL	18,006	19,532	-7.8	167,017	161,244	+3.6	19,365	17,188	+12.7	178,773	145,952	+22.5
UREA & MELAMINE RESINS, TOTAL	139,260	135,406	+2.8	1,316,563	1,215,368	+8.3	143,032	133,461	+7.2	1,341,349	1,205,160	+11.3
Total Exports	D	D		D	D							
Total Domestic*	139,260	135,406	+2.8	1,316,563	1,215,368	+8.3						
Textile Treating & Coating Resins	2,558	3,148	-18.7	20,405	17,332	+17.7	2,801	2,783	+0.6	24,519	21,994	+11.5
Paper Treating & Coating Resins	5,020	7,745	-35.2	69,540	81,615	-14.8	5,185	7,613	-31.9	70,660	82,712	-14.6
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	110,804	104,131	+6.4	1,036,721	942,009	+10.1	111,996	104,103	+7.6	1,036,098	938,214	+10.4
Laminating	5,039	5,182	-2.8	43,080	37,840	+13.8	4,760	5,019	-5.2	41,310	35,789	+15.4
Plywood	4,131	5,628	-26.6	49,958	50,635	-1.3	4,645	5,757	-19.3	50,862	50,971	-0.2
Fibrous & Granulated Wood (Particle Board)	101,634	93,321	+8.9	943,683	853,534	+10.6	102,591	93,327	+9.9	943,926	851,454	+10.9
Protective Coatings (Straight & Modified)	9,697	9,693	+0.0	92,462	87,279	+5.9	12,262	9,820	+24.9	119,426	84,991	+40.5
All Other Uses (Includes Molding Compounds, and Exports)	11,181	10,689	+4.6	97,435	87,133	+11.8	10,788	9,142	+18.0	90,646	77,249	+17.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	260,366	256,073	+1.7	2,407,100	2,341,872	+2.8	260,652	250,871	+3.9	2,406,013	2,303,982	+4.4
Total Exports	1,924	2,002	-3.9	15,412	13,255	+16.3						
Total Domestic	258,442	254,071	+1.7	2,391,688	2,328,617	+2.7						
Molding Compounds	16,064	19,275	-16.7	164,343	173,254	-5.1	17,610	20,272	-13.1	174,383	180,172	-3.2
Bonding & Adhesive Resins for:	236,454	230,804	+2.4	2,161,284	2,119,370	+2.0	236,773	226,288	+4.6	2,163,461	2,086,461	+3.7
Laminating	19,090	18,202	+4.9	164,254	168,067	-2.3	19,214	14,685	+30.8	164,729	140,340	+17.4
Coated & Bonded Abrasives	2,337	1,730	+35.1	16,757	15,697	+6.8	2,344	1,739	+34.8	16,841	15,771	+6.8
Friction Materials	2,754	2,604	+5.8	27,505	24,636	+11.6	2,572	2,326	+10.6	26,537	23,762	+11.7
Insulation Materials	36,079	40,036	-9.9	354,958	357,291	-0.7	36,255	39,892	-9.1	356,196	350,504	+1.6
Foundry & Shell Molding	4,557	4,020	+13.4	36,669	35,667	+2.8	4,640	3,939	+17.8	36,573	35,446	+3.2
Plywood	142,173	136,284	+4.3	1,311,775	1,225,300	+7.1	141,748	135,311	+4.8	1,312,173	1,225,073	+7.1
Fibrous & Granulated Wood	24,675	20,189	+22.2	205,859	210,627	-2.3	24,862	19,922	+24.8	205,602	214,539	-4.2
Resins Sold to Rubber Industry	1,564	2,342	-33.2	14,956	26,042	-42.6	1,857	2,962	-37.3	15,952	24,454	-34.8
All Other	3,225	5,397	-40.2	28,551	56,043	-49.1	3,281	5,512	-40.5	28,858	56,572	-49.0
Protective Coatings – Unmodified & Modified	1,835	2,326	-21.1	20,452	19,479	+5.0	1,846	2,311	-20.1	20,486	19,265	+6.3
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,089	1,666	+145.4	45,609	16,514	+176.2	4,417	2,000	+120.8	47,681	18,084	+163.7

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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D = Disclosure

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SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

OCTOBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	808,102	755,713	+ 6.9	7,991,207	7,376,726	+ 8.3	809,191	771,345	+ 4.9	7,999,411R	7,414,804	+ 7.9
Total Exports	81,838	68,106	+20.2	851,975	783,236	+ 8.8						
Total Domestic	726,264	687,607	+ 5.6	7,139,232	6,593,490	+ 8.3						
Film (12 Mils & Below)	443,248	439,100	+ 0.9	4,377,241	4,019,745	+ 8.9						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	61,300	40,304	+52.1	571,052	479,758	+19.0						
Wire & Cable	29,089	28,811	+ 1.0	286,233	286,314	- 0.0						
Extrusion Coating	69,995	61,449	+13.9	640,565	566,676	+13.0						
Blow Molding	5,116	3,638	+40.6	42,165	33,150	+27.2						
Pipe & Conduit, Total	2,514	3,019	-16.7	31,509	27,039	+16.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	9,698	9,684	+ 0.1	106,589	94,961	+12.2						
Resellers & Compounders	44,527	41,495	+ 7.3	491,372	500,098	- 1.7						
All Other Uses	60,777	60,107	+ 1.1	592,506	585,749	+ 1.2						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	707,257	578,262	+22.3	6,782,806	5,834,359	+16.3	709,362	641,921	+10.5	6,591,844R	5,977,962	+10.3
Total Exports	69,467	59,268	+17.2	746,804	720,177	+ 3.7						
Total Domestic	637,790	518,994	+22.9	6,036,002	5,114,182	+18.0						
Film (12 Mils & Below)	65,121	50,254	+29.6	522,072	405,[illegible]	+28.8						
Sheet (Over 12 Mils)	21,578	14,937	+44.5	189,739	150,247	+26.3						
Injection Molding	150,185	115,765	+29.7	1,511,336	1,303,342	+16.0						
Wire & Cable	7,613	9,481	-19.7	94,816	102,793	- 7.8						
Extrusion Coating	D	D		D	D							
Blow Molding	264,078	220,952	+19.5	2,381,123	2,009,094	+18.5						
Pipe & Conduit, Total	48,037	40,644	+18.2	508,290	388,262	+29.1						
Corrugated Pipe & Conduit	14,753	13,035	+13.2	127,228	133,265	- 4.5						
Non-Corrugated Pipe & Conduit	33,284	27,609	+20.6	374,062	254,997	+46.7						
Other Extruded Products	5,362	3,388	+58.3	49,824	35,245	+41.4						
Resellers & Compounders	45,330	35,910	+26.2	476,706	427,801	+11.4						
All Other Uses	30,486	27,663	+10.2	309,096	292,457	+ 5.8						

(2) = Included in Other Extruded Products
(3) = Included in Film

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R = Revision

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

OCTOBER 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	588,179	516,756	+13.8	5,540,356	4,829,658	+14.7	601,966	504,133	+19.4	5,479,218 R	4,773,957	+14.8
Total Exports	106,311	94,026	+13.1	1,029,730	928,559	+10.9						
Total Domestic	481,868	422,730	+14.0	4,510,626	3,901,099	+15.6						
Injection Molding	152,705	122,420	+24.7	1,355,715	1,078,586	+25.7						
Appliances	13,757	12,078	+13.9	123,611	106,477	+16.1						
Consumer Products	42,228	28,419	+48.6	361,104	262,698	+37.5						
Rigid Packaging	46,526	37,756	+23.2	423,469	364,646	+16.1						
Transportation	31,133	32,640	- 4.6	267,399	251,169	+ 6.5						
All Other Injection Molding	19,061	11,527	+65.4	180,132	93,596	+92.5						
Blow Molding	7,349	11,324	-35.1	97,792	89,700	+ 9.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	48,676	42,590	+14.3	458,326	421,545	+ 8.7						
Sheet (Over 10 Mils)	8,698	3,413	+154.8	74,048	32,779	+126.2						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	147,929	131,089	+12.8	1,447,426	1,247,332	+16.0						
Textile Applications	139,511	123,259	+13.2	1,372,328	1,144,015	+20.0						
Non-Textile Monofilaments	8,418	7,830	+ 7.5	75,098	103,317	-27.3						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	7,663	9,073	-15.5	103,181	79,310	+30.1						
Resellers & Compounders	105,051	86,685	+21.2	934,950	810,560	+15.3						
All Other Uses	3,797	16,136	-76.5	39,188	141,327	-72.3						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

OCTOBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,746	99,571	+ 8.2	999,496	888,829	+ 12.5	91,541	100,026	- 8.5	972,906	890,706	+ 9.2
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	10,869	8,373	+ 29.8	93,556	70,513	+ 32.7	12,743	7,994	+59.4	109,724	73,315	+49.7
Total Exports	4,513	1,758	+156.7	25,401	9,374	+171.0						
Total Domestic	6,356	6,615	- 3.9	68,155	61,139	+ 11.5						
POLYSTYRENE RESINS, TOTAL	446,239	395,030	+ 13.0	4,084,529	3,733,050	+ 9.4	417,329	403,100	+ 3.5	3,965,456	3,691,796	+ 7.4
Straight Polystyrene	240,576	210,908	+ 14.1	2,180,838	1,958,604	+ 11.3	237,188	210,972	+12.4	2,127,179	1,962,550	+ 8.4
Rubber-Modified Polystyrene	205,663	184,122	+ 11.7	1,903,691	1,774,446	+ 7.3	180,141	192,128	- 6.2	1,838,277	1,729,246	+ 6.3
Total Exports	9,247	8,737	+ 5.8	93,315	92,096	+ 1.3						
Straight Polystyrene	6,136	7,640	- 19.7	62,298	63,875	- 2.5						
Rubber-Modified Polystyrene	3,111	1,097	+183.6	31,017	28,221	+ 9.9						
Total Domestic	436,992	386,293	+ 13.1	3,991,214	3,640,954	+ 9.6						
Molding	170,322	132,733	+ 28.3	1,528,413	1,300,380	+ 17.5						
Extrusion	198,423	175,741	+ 12.9	1,802,792	1,627,648	+ 10.8						
Expandable Polystyrene Beads	48,512	55,397	- 12.4	436,700	422,690	+ 3.3						
All Other Uses	19,735	22,422	- 12.0	223,309	290,236	- 23.1						
Polystyrene End Uses, Total**	436,992	386,293	+ 13.1	3,991,214	3,640,954	+ 9.6						
Packaging	114,138	103,314	+ 10.5	1,071,559	915,843	+ 17.0						
Disposables	73,681	44,631	+ 65.1	647,169	470,292	+ 37.6						
Consumer and Institutional Products	71,885	57,541	+ 24.9	654,495	501,561	+ 30.5						
Electrical/Electronics	42,825	37,442	+ 14.4	407,669	335,675	+ 21.4						
Furniture, Furnishings, Building & Construction	23,212	22,587	+ 2.8	194,852	194,945	- 0.0						
Expandable Polystyrene Beads	48,512	55,397	- 12.4	436,700	422,690	+ 3.3						
Resellers and Compounders	39,987	47,941	- 16.6	340,568	428,283	- 20.5						
All Other End Uses	22,752	17,440	+ 30.5	238,202	371,665	- 35.9						

** - Portions of the End Use Section are estimated.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

OCTOBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL	84,940	79,266	+ 7.2	815,794	725,515	+12.4	84,144	77,095	+ 9.1	775,074	680,606	+13.9
Paper Treating	2,750	5,129	-48.4	35,606	46,607	-23.6						
Textile Treating	1,440	1,920	-25.0	11,895	16,573	-28.2						
Carpet Backing	31,099	27,003	+15.2	312,559	266,448	+17.3						
All Other Uses (Including Exports & Paper Coating)	49,651	45,014	+10.3	455,734	395,887	+15.1						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	26,316	24,653	+ 6.7	232,741	238,993	- 2.6	28,205	25,235	+11.8	238,426	236,392	+ 0.9
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	43,362	41,026	+ 5.7	410,601	371,975	+10.4	43,694	41,874	+ 4.3	424,897	390,428	+ 8.8
Total Exports	4,502	3,953	+13.9	47,589	31,794	+49.7						
Total Domestic	38,860	37,073	+ 4.8	363,012	340,181	+ 6.7						
Injection Molding Grade	23,458	24,504	- 4.3	219,868	225,785	- 2.6						
Extrusion Grade	11,763	9,991	+17.7	108,091	94,113	+14.9						
Resellers and Compounders	2,600	1,940	+34.0	24,861	14,944	+66.4						
All Other Uses	1,039	638	+62.9	10,192	5,339	+90.9						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Styrene Based Latexes sales includes some Canadian-produced material.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

OCTOBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	686,579	658,397	+ 4.3	6,722,057	6,160,075	+ 9.1	680,655	613,222	+11.0	6,556,622	5,991,780	+ 9.4
Homopolymer Resins Including Blending & Latex	627,419	603,855	+ 3.9	6,171,395	5,655,298	+ 9.1	622,323	565,177	+10.1	6,029,994	5,508,369	+ 9.5
Copolymer Resins Including Blending & Latex	17,702	17,854	- 0.9	173,746	171,847	+ 1.1	17,879	15,440	+15.8	165,757	163,009	+ 1.7
Dispersion Resins	41,458	36,688	+13.0	376,916	332,930	+13.2	40,453	32,605	+24.1	360,871	320,402	+12.6
Total Exports	36,484	38,541	- 5.3	365,534	297,745	+22.8						
Total Domestic	650,095	619,856	+ 4.9	6,356,523	5,862,330	+ 8.4						
Calendering, Total	67,898	59,993	+13.2	646,266	606,086	+ 6.6						
Flooring	16,954	14,491	+17.0	154,680	138,296	+11.8						
Textile	8,630	6,912	+24.9	93,339	66,728	+40.8						
All Other Calendering Uses	42,314	38,590	+ 9.7	398,247	401,512	- 0.8						
Coating, Total	35,440	31,283	+13.3	310,187	274,063	+13.2						
Flooring	16,189	14,175	+14.2	135,636	118,499	+14.5						
Textile & Paper Coating	9,634	9,278	+ 3.8	91,099	81,604	+11.6						
Protective Coatings	4,812	4,428	+ 8.7	42,388	39,597	+ 7.0						
Adhesives & All Other Coating Uses	4,805	3,402	+41.2	41,064	34,363	+19.5						
Extrusion, Total	446,311	428,408	+ 4.2	4,415,987	4,069,709	+ 8.5						
Wire & Cable	38,823	37,828	+ 2.6	379,489	350,212	+ 8.4						
Film & Sheet, Packaging	28,214	22,545	+25.1	238,672	215,939	+10.5						
Film & Sheet, Non-Packaging	6,102	N/A		48,166	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	53,865	45,157	+19.3	531,832	444,371	+19.7						
Rigid Pipe & Tubing (Except Fittings)	276,687	273,437	+ 1.2	2,795,701	2,608,535	+ 7.2						
All Other Extrusions	42,620	49,441	-13.8	422,127	450,652	- 6.3						
Molding, Total	46,675	45,466	+ 2.7	420,014	424,494	- 1.1						
Bottles	14,641	17,961	-18.5	139,135	166,784	-16.6						
Fittings (Rigid Pipe & Tubing)	17,932	10,274	+74.5	133,494	118,828	+12.3						
All Other Molding	14,102	17,231	-18.2	147,385	138,882	+ 6.1						
Paste Processes (Except Coating)	13,715	12,896	+ 6.4	136,190	130,734	+ 4.2						
Plastisol Formulation	7,258	6,376	+13.8	71,916	63,725	+12.9						
All Other	6,457	6,520	- 1.0	64,274	67,009	- 4.1						
Resellers & Compounders	30,939	30,407	+ 1.7	295,402	258,488	+14.3						
All Other Uses	9,117	11,403	-20.0	132,477	98,756	+34.1						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

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SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,439	58,409	+ 5.2	599,295	589,767	+ 1.6	61,439	58,409	+ 5.2	599,295	589,767	+ 1.6
Total Exports	499	326	+53.1	5,782	3,518	+64.4						
Total Domestic	60,940	58,083	+ 4.9	593,513	586,249	+ 1.2						
Emulsion Paints	19,903	19,159	+ 3.9	202,377	203,354	- 0.5						
Adhesives, Caulks and Sealants	21,046	21,439	- 1.8	211,492	216,997	- 2.5						
Paper Treating & Paper Coating	10,775	9,761	+10.4	100,456	91,286	+10.0						
Textile Treating	3,090	2,599	+18.9	28,986	27,211	+ 6.5						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	6,126	5,125	+19.5	50,202	47,401	+ 5.9						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	18,371	15,923	+15.4	170,380	154,754	+10.1	19,512	14,755	+32.2	184,084	162,742	+13.1
Total Exports	7,646	5,154	+48.4	60,858	42,907	+41.8						
Total Domestic	10,725	10,769	- 0.4	109,522	111,847	- 2.1						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	123,544	103,615	+19.2	1,161,773	957,047	+21.4	124,139	105,522	+17.6	1,163,843	961,417	+21.1
Total Exports	17,341	13,428	+29.1	160,858	130,695	+23.1						
Total Domestic	106,203	90,187	+17.8	1,000,915	826,352	+21.1						
PET Bottle Grades	71,369	59,949	+19.0	721,185	587,302	+22.8						
All Other Thermoplastic Polyester**	34,834	30,238	+15.2	279,730	239,050	+17.0						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

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FOR THE MONTH AND PERIOD ENDED

SEPTEMBER 1987

APPARENT CONSUMPTION REPORT OF
THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: December 11, 1987

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SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

SEPTEMBER 1987

(In millions of pounds, dry weight basis)(1)

RESIN KIND	SEPTEMBER				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	35	1	10	26	316	12	91	237	5%
POLYESTER (UNSATURATED) RESINS, TOTAL	117	1	2	116	1,037	5	35	1,007	0%
UREA RESINS, TOTAL	125	2	1	126	1,039R	21	7	1,053	2%
MELAMINE RESINS, TOTAL	21	0	1	20	159R	4	10	153	3%
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	254	4	5	253	2,145R	35	41	2,139	2%
THERMOSETTING RESINS, TOTAL	552	8	19	541	4,696R	77	184	4,589	2%
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	816	63	95	784	7,190	572	781	6,981	8%
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	700	4	61	643	5,883	56	683	5,256	1%
POLYPROPYLENE, TOTAL	592	1	123	470	4,877R	12	1,073	3,816	0%
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100	5	19	86	881	54	122	813	7%
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	11	1	4	8	97R	4	23	78	5%
OTHER STYRENICS	108	4	9	103	901	55	85	871	6%
POLYSTYRENE, TOTAL	400	1	11	390	3,548	12	107	3,453	0%
NYLON RESINS, TOTAL	43	4	11	36	381	36	76	341	11%
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	660	6	31	635	5,876	102	318	5,660	1%
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	59	3	2	60	538R	21	29	530	3%
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	19	3	6	16	165	21	47	139	15%
THERMOPLASTIC POLYESTER, TOTAL	122	2	10	114	1,040	21	61	1,000	2%
THERMOPLASTIC RESINS, TOTAL	3,630	97	382	3,345	31,377R	966	3,405	28,938	3%
GRAND TOTAL	4,182	105	401	3,886	36,073R	1,043	3,589	33,527	3%

(1) = Except phenolic resins which are reported on a gross weight basis

D = Disclosure

R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Monthly totals and year-to-date totals may not agree due to government revisions and rounding.

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B